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(54) **Scaffold fixation device for use in articular cartilage repair**

(57) A device for attaching a tissue replacement scaffold to a bone has a platform (12) positionable in substantially parallel relationship to the bone for retaining the tissue scaffold proximate to the bone. A post (14) extends from the platform and is insertable into a hole formed in the bone. One or more ribs (24) extend from a side surface of the post along a portion of its length.

The ribs are mounted on opposing flexible members (18,20) and establish an interference fit relative to the hole in the bone tissue. The ribs are urged radially outwardly by the flexible members and have a sharp edge that grips the sides of the hole in the bone such that the ribs restrict withdrawal of the device. Vertical ribs (160) may also be included to prevent rotation of the device within the hole in the bone.

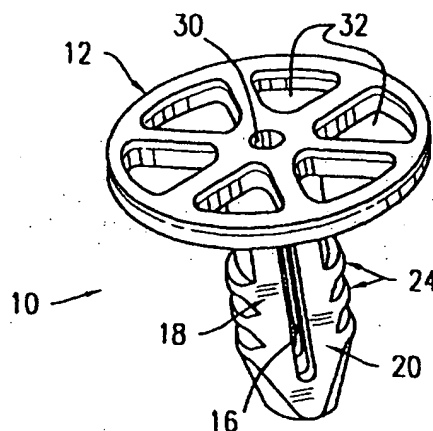


FIG. 2

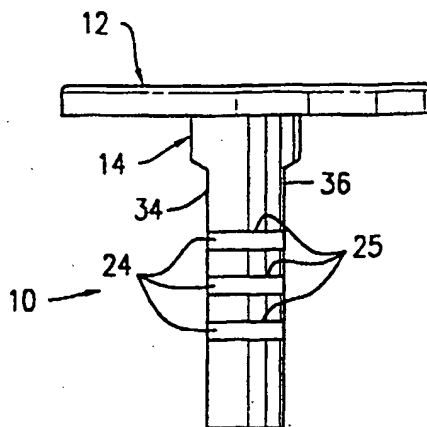


FIG. 3

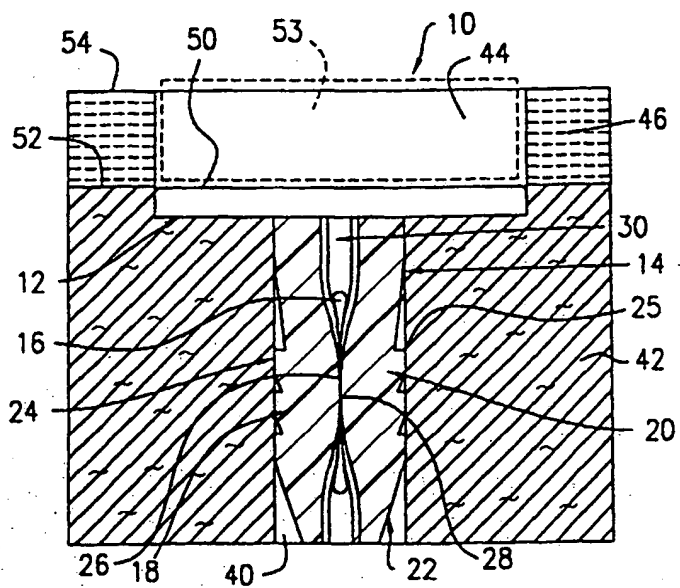


FIG. 4

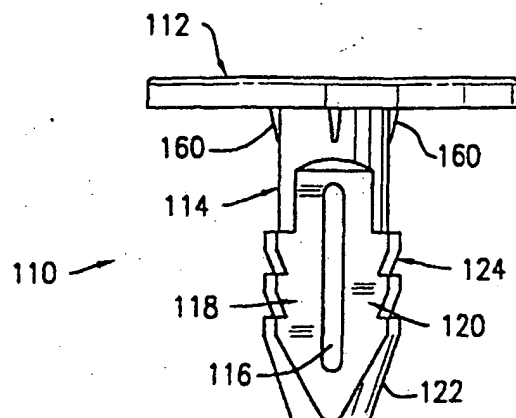


FIG. 5

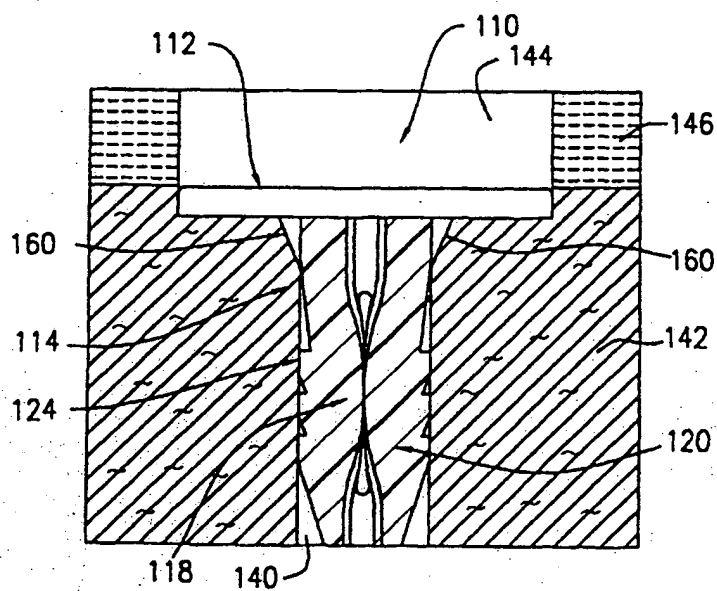


FIG. 6



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EUROPEAN SEARCH REPORT

Application Number
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			A61F A61B
Place of search MUNICH		Date of completion of the search 7 June 2002	Examiner Newman, B
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 25 1289

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